

Amendments to the Claims

This listing of claims will replace all prior versions, and listing, of claims in the application:

Listing of Claims

1. (currently amended) A process for making a coated optical ~~lens-blank~~ article free of visible fining lines by application of one coating which comprises:
 - (i) providing an optical article having at least one fined but unpolished geometrically defined main face;
 - (ii) providing a mold part having an internal and external surface face;
 - (iii) depositing on said main face of said optical article or on the internal surface face of the mold part a requisite amount of a liquid curable coating composition;
 - (iv) moving relatively to each other the optical article and the mold part to either bring the coating composition into contact with the main face of the optical article or into contact with the internal face of the mold part;
 - (v) applying pressure to the mold part to spread the liquid curable coating composition on said main face and form a uniform liquid coating composition layer onto the main face;
 - (vi) curing the liquid coating composition layer;
 - (vii) withdrawing the mold part; and
 - (viii) ~~recovering the free of visible fining lines coated an~~ recovering an optical article free of visible fining lines having said at least one fined but unpolished geometrically defined main face coated with only one coating.
2. (original) The process of claim 1, wherein the liquid coating composition layer is cured under pressure.
3. (original) The process of claim 1, wherein said mold part is rigid and its internal face inversely replicates said main face of said optical article.

4. (original) The process of claim 1, wherein said mold part is flexible and the geometry of its internal face inversely replicates said main face of said optical article under the pressure applied in step (v).
5. (original) The process of claim 1, wherein the curable liquid coating composition is a UV curable composition.
6. (original) The process of claim 1, wherein the mold part is a transparent wafer.
7. (original) The process of claim 5, wherein the mold part is a UV transparent wafer.
8. (currently amended) The process of claim 4, wherein the flexible mold part has a higher base curvature than the base curvature of the fined and unpolished optical article to be coated.
9. (original) The process of claim 1, wherein the pressure exerted onto the mold part ranges from 10 kPa to 350 kPa.
10. (currently amended) The process of claim 1, wherein the pressure exerted onto the mold part ranges from 30 kPa to 150 kPa.
11. (original) The process of claim 4, wherein the flexible mold part is an inflatable flexible membrane.
12. (original) The process of claim 4, wherein the flexible mold part has a thickness of 2 mm or less.
13. (original) The process of claim 4, wherein the flexible mold part is made of flexible plastic material.
14. (currently amended) The process of claim [[4]] 13, wherein the flexible plastic material comprises polycarbonate or poly(methylmethacrylate).
15. (original) The process of claim 1, wherein R_q of the fined but unpolished geometrically defined main face ranges from 0.01 to 1.5 μm .

16. (original) The process of claim 1, wherein R_q of the fined but unpolished geometrically defined main face ranges from 0.1 to 1.0 μm .
17. (original) The process of claim 1, wherein the optical article is made of polycarbonate.
18. (original) The process of claim 13, wherein said main face of the optical article has a R_q of about 0.5 μm .
19. (original) The process of claim 1, wherein the optical article is made of diethylene glycol bis-allylcarbonate, polycarbonate, polythiourethane or episulfide material.
20. (original) The process of claim 19, wherein said main face of the optical article has a surface roughness S_q of about 1.0 μm .
21. (original) The process of claim 1, wherein the cured coating has a thickness of 1 to 50 μm .
22. (original) The process of claim 1, wherein the cured coating has a thickness of 1 to 25 μm .
23. (original) The process of claim 22, wherein the cured coating has a thickness of 1 to 10 μm .
24. (original) The process of claim 23, wherein the cured coating has a thickness of 1 to 5 μm .
25. (currently amended) The process of claim 24, wherein the refractive index difference between the lens-blank optical article and the cured coating is up to 0.1.
26. (original) The process of claim 1, wherein the coating composition is an anti-abrasive hard coating composition.
27. (currently amended) The process of claim 1, wherein the said main face of the lens-blank optical article is the back face of the lens-blank optical article.
28. (canceled)

29. (original) The process of claim 1, further comprising applying an anti-reflective coating directly onto the cured coating.
30. (original) The process of claim 1, wherein said optical article is a lens or lens blank.
31. (original) The process of claim 1, wherein said optical article is a transparent lens mold.
32. (currently amended) The process of claim 30, wherein said optical article is a tinted lens or a tinted lens blank.
33. (original) The process of claim 31, wherein said lens mold is a glass mold.
34. (currently amended) The process of claim 30, wherein [[the]] said main face of the lens or lens blank is the back face of the lens or lens blank.
35. (canceled)
36. (currently amended) A process for making a coated article whose main surface has a surface state corresponding to a polished state[[d]] by application of one coating which comprises:
- (i) providing an article having at least one fined but unpolished geometrically defined main face;
 - (ii) providing a mold part having an internal and external surface face;
 - (iii) depositing on said main face of said article or on the internal surface face of the mold part a requisite amount of a liquid curable coating composition;
 - (iv) moving relatively to each other the article and the mold part to either bring the coating composition into contact with the main face of the article or into contact with the internal face of the mold part;
 - (v) applying pressure to the mold part to spread the liquid curable coating composition on said main face and form a uniform liquid coating composition layer onto the main face of the article;
 - (vi) curing the liquid composition layer;

- (vii) withdrawing the mold part; and
 - (viii) recovering ~~the coating~~ a coated article having a surface state corresponding to a polished state, wherein the main face is coated with only one coating.
- 37. (original) The process according to claim 36, wherein the surface of the coated article has a R_q under $0.01\ \mu\text{m}$.
 - 38. (original) The process according to claim 37, wherein the coated article is a lens mold.
 - 39. (original) The process according to claim 38, wherein the lens mold is not transparent.
 - 40. (original) The process of claim 1, wherein the mold part is precoated by a release coating and/or protective coating.
 - 41. (currently amended) The process of claim 1, wherein the mold part has a microstructure or a pattern to be duplicated in the ~~lens-blank~~ optical article coating.
 - 42. (original) The process of claim 36, wherein the mold part is precoated by a release coating and/or protective coating.
 - 43. (currently amended) The process of claim 36, wherein the mold part has a microstructure or a pattern to be duplicated in the ~~lens-blank~~ article coating.
 - 44. (new) The process of claim 1, wherein the optical article is an ophthalmic lens.